

Application No. 10/674,259

AMENDMENT AND RESPONSE AFTER FINAL dated December 26, 2007

Reply to Office Action of September 26, 2007

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. - 16. (Canceled)

17. (Currently Amended) A transmitter for sending an encrypted signal to control an actuator, comprising:

a radio frequency generator for generating a radio frequency signal;

a rolling code generator for generating a rolling code which varies with actuation of the transmitter, the rolling code being considered valid and allowed to vary within a predetermined range of values;

a fixed code generator for generating a fixed code;

an encryptor for generating an encrypted fixed code in response to the rolling code and the fixed code independent of time and which varies with actuation of the transmitter; and

a modulator for modulating the radio frequency signal with the rolling code and the encrypted fixed code to produce an encrypted radio frequency signal for operation or control of a secure actuator.

18. (Currently Amended) A receiver for receiving an encrypted radio frequency signal from a transmitter and for generating an actuation signal, comprising:

a receiver for receiving an encrypted radio frequency signal having an encrypted fixed code signal that has been encrypted independent of time and which varies with actuation of the transmitter;

a demodulator for demodulating the encrypted radio frequency signal into a demodulated encrypted signal;

a signal separator for separating the demodulated encrypted signal into a rolling code signal which varies with actuation of the transmitter and ~~[[an]]~~ the encrypted fixed code signal;

a decryptor for decrypting independent of time, the encrypted fixed code signal into a decrypted fixed code signal; and

a validator for determining whether the rolling code signal falls within a predetermined range of values.